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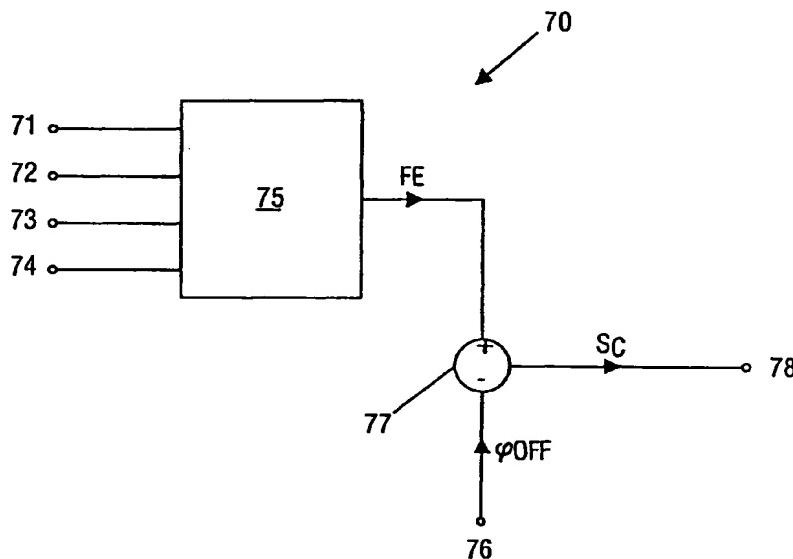
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- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 5621 BA Eindhoven (NL).**
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **YAK, Aik, S. [SG/SG]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WON, Pei, C. [MY/SG]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LIM, Tuck, L. [SG/SG];**
- (74) Agent: **DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).**
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(54) Title: OPTICAL PICKUP



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(57) Abstract: An optical disc drive (1) comprises an optical pickup (3) with a 4-quadrant photo-detector (20); an objective lens (14) mounted displaceably with respect to the photo-detector (20); an optical displacement actuator (30) for displacing the objective lens (14); and a servo controller (70) for controlling the focus actuator (30). The controller (70) receives respective detector signals (S1, S2, S3, S4) from the photo-detector (20). The controller (70) is adapted to process these detector signals to produce a focal error signal (FE) which is zero if these signals all have identical magnitude. The controller (70) is further adapted to subtract/add an offset parameter (φ_{off}) from/to said focal error signal (FE), and to provide the difference/sum as a control output signal.